

Mason, John James

Microscopic preparations of
the nervous system.

1879



MICROSCOPIC PREPARATIONS OF THE NERVOUS SYSTEM.

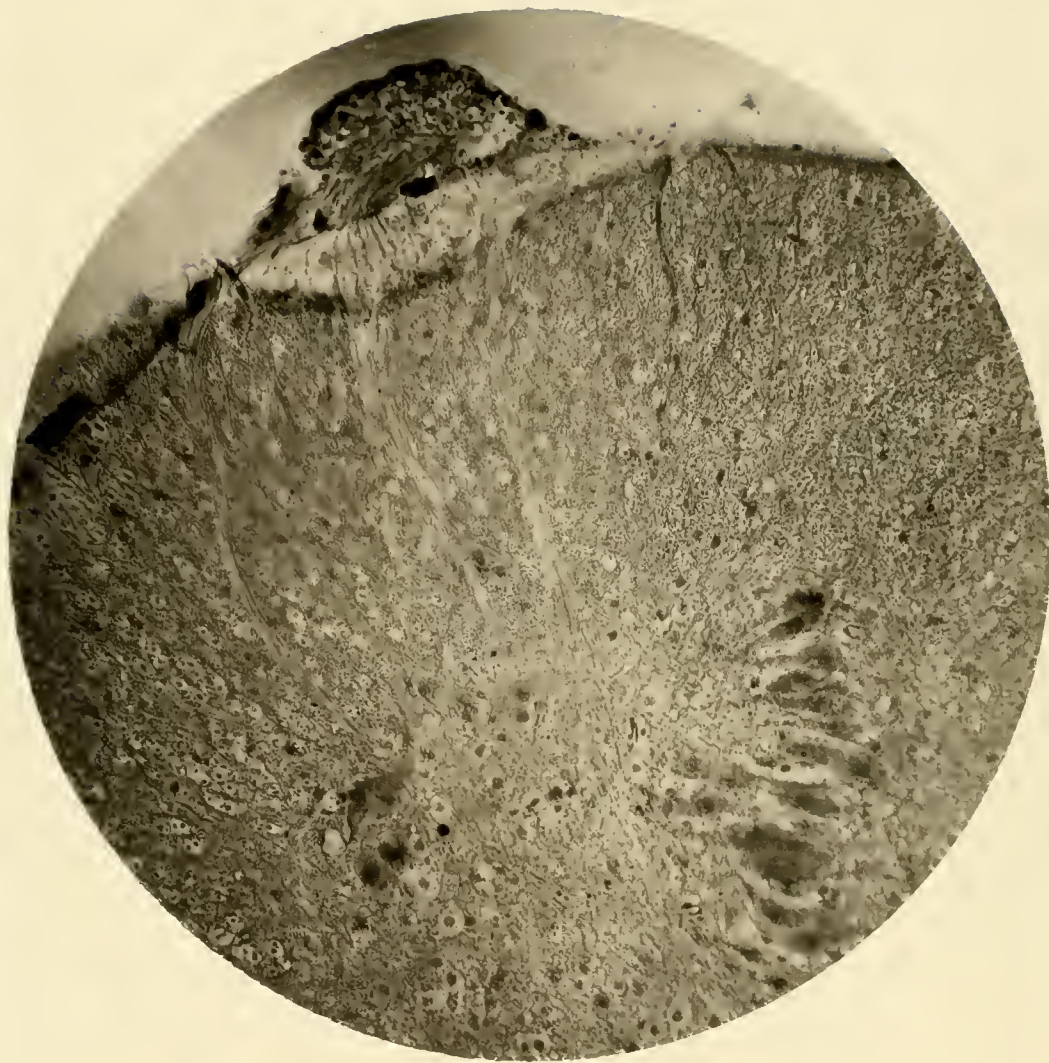
BY JOHN J. MASON, M. D., NEWPORT, R. I.

Alligator Mississippiensis - Medulla Oblongata - Cells of the Raphe

PHOTO-MICROGRAPH NO. 1 *Enamow 4/10 in.*

1879

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MICROSCOPIC PREPARATIONS OF THE NERVOUS SYSTEM.

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*Rana Halicinia - Cervical Enlargement of Spinal Cord -
Inferior Root Fibres and Nerve Cells.*

PHOTO-MICROGRAPH NO. 27'

Immun 4/10

1879

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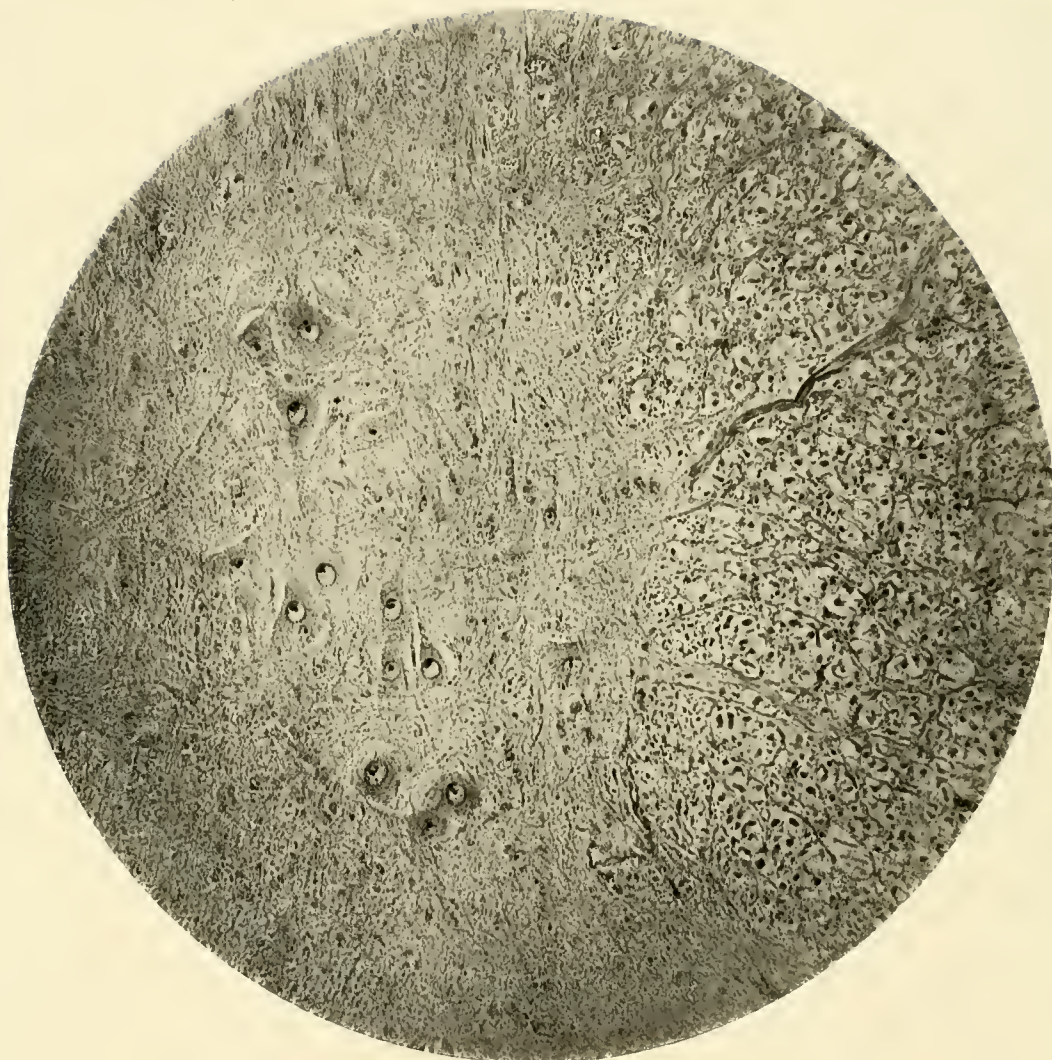
Alligator Mississippiensis - Cells, and their nuclei, of Eminentia Acustica
Exactly same amplification as nos. 43.49.74.75. and from same animal

PHOTO-MICROGRAPH NO. 39.

Sturrow 4/10

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*Alligator Mississippiensis. Cells of the Vagus. Inferior Group.
Same Amplification and Same Animal as nos. 39.49.74.75-*

PHOTO-MICROGRAPH NO. 43. *Isnuow 4/10*

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*Alligator Mississippiensis. Pars Commissuralis beneath Cerebellum.
Showing Cells of origin and fibres of the Motor Root of the Trigemini.*

PHOTO-MICROGRAPH NO. 52. Miller Bros. 2 1/2 in. 1880.

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Physozoma Cornutum. Nearly transverse vertical Section of
the Optic Tubercles. Optic Nerves decussating below.

PHOTO-MICROGRAPH NO. 55. Miller Bros. 2 1/2 in. 1880.

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Emys Floridana - Cells of the Optic Lobes. Middle of the "Roof" of the
Aqueductus Sylvii.

PHOTO-MICROGRAPH NO. 56.

Gunow 4/10

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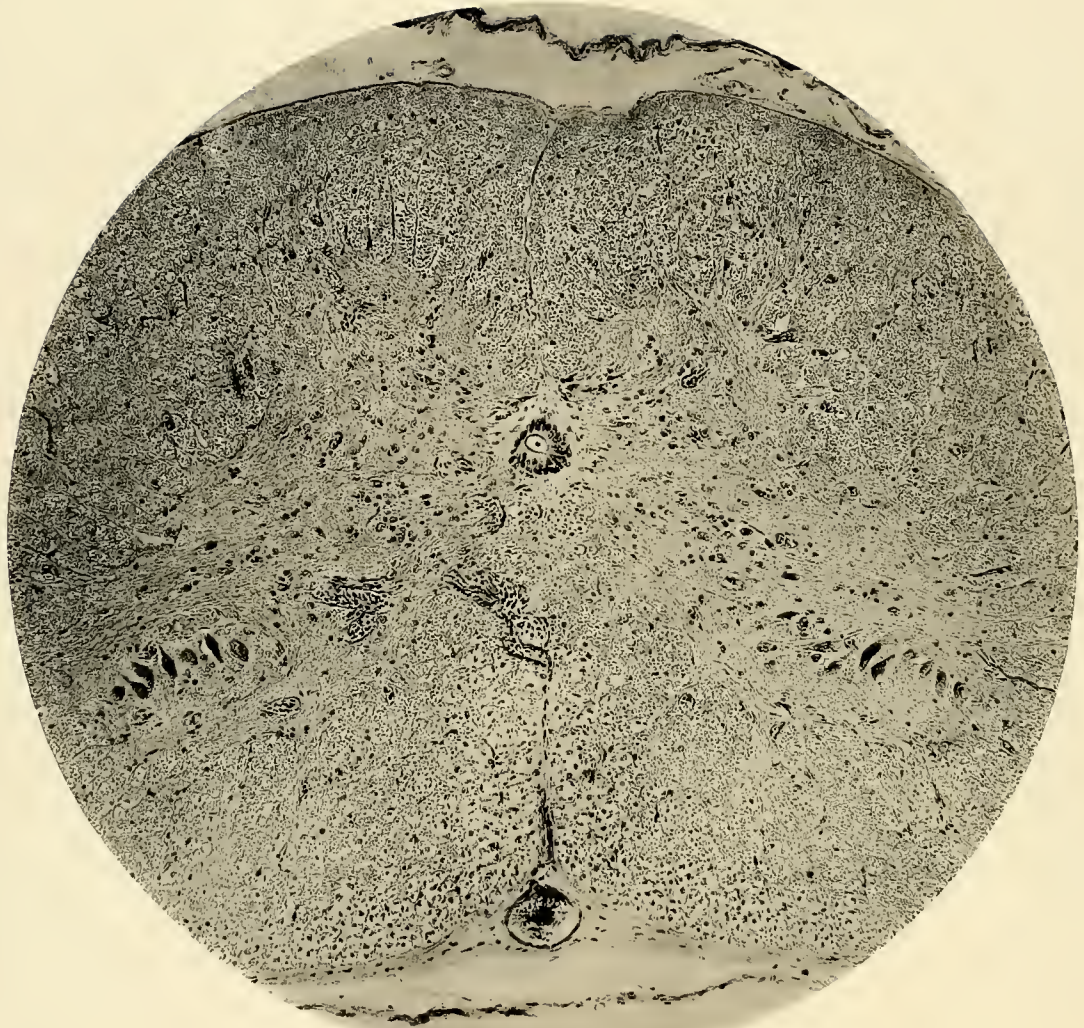
Phrynosoma Cornutum. Vertical Longitudinal Section through the Cephalon.

PHOTO-MICROGRAPH NO. 57 Miller Bros. 2 1/2 1880.

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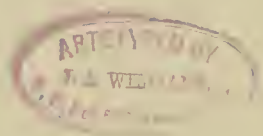
MICROSCOPIC PREPARATIONS OF THE NERVOUS SYSTEM.

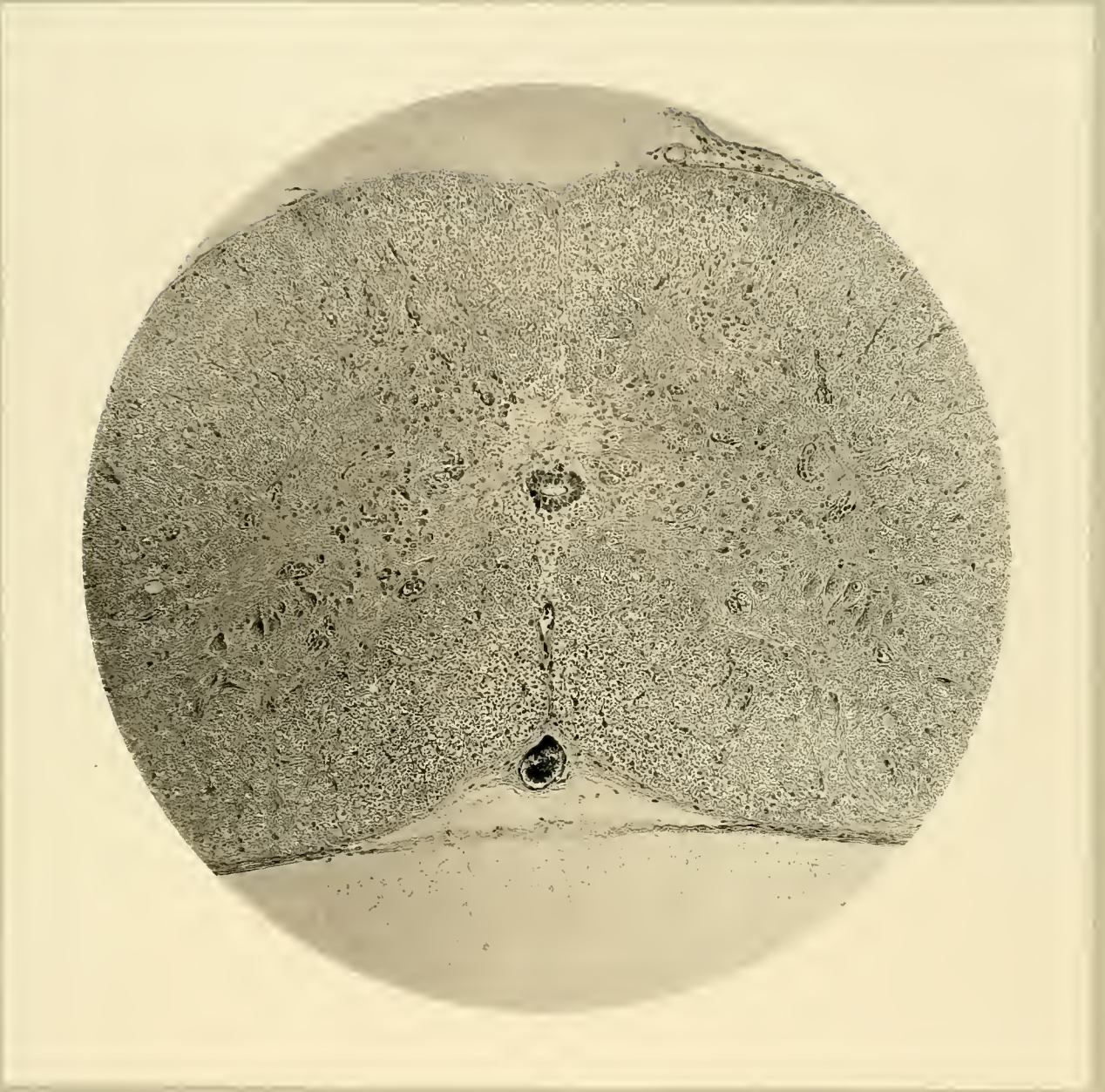
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*Rhynchosoma Cornutum. Horned Toad. Cervical Enlargement
of the Spinal Cord. Magnified exactly like no. 68.*

PHOTO-MICROGRAPH NO. 60. Miller Bros. $\frac{1}{2}$ inch

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Phrynosoma Bonitum - Horned Lizard - Lumbar Enlargement
of the Spinal Cord. Magnified exactly like no. 60.

PHOTO-MICROGRAPH NO. - 61 - Miller Bros $\frac{1}{2}$ inch.

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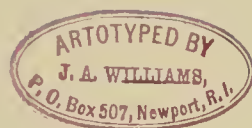
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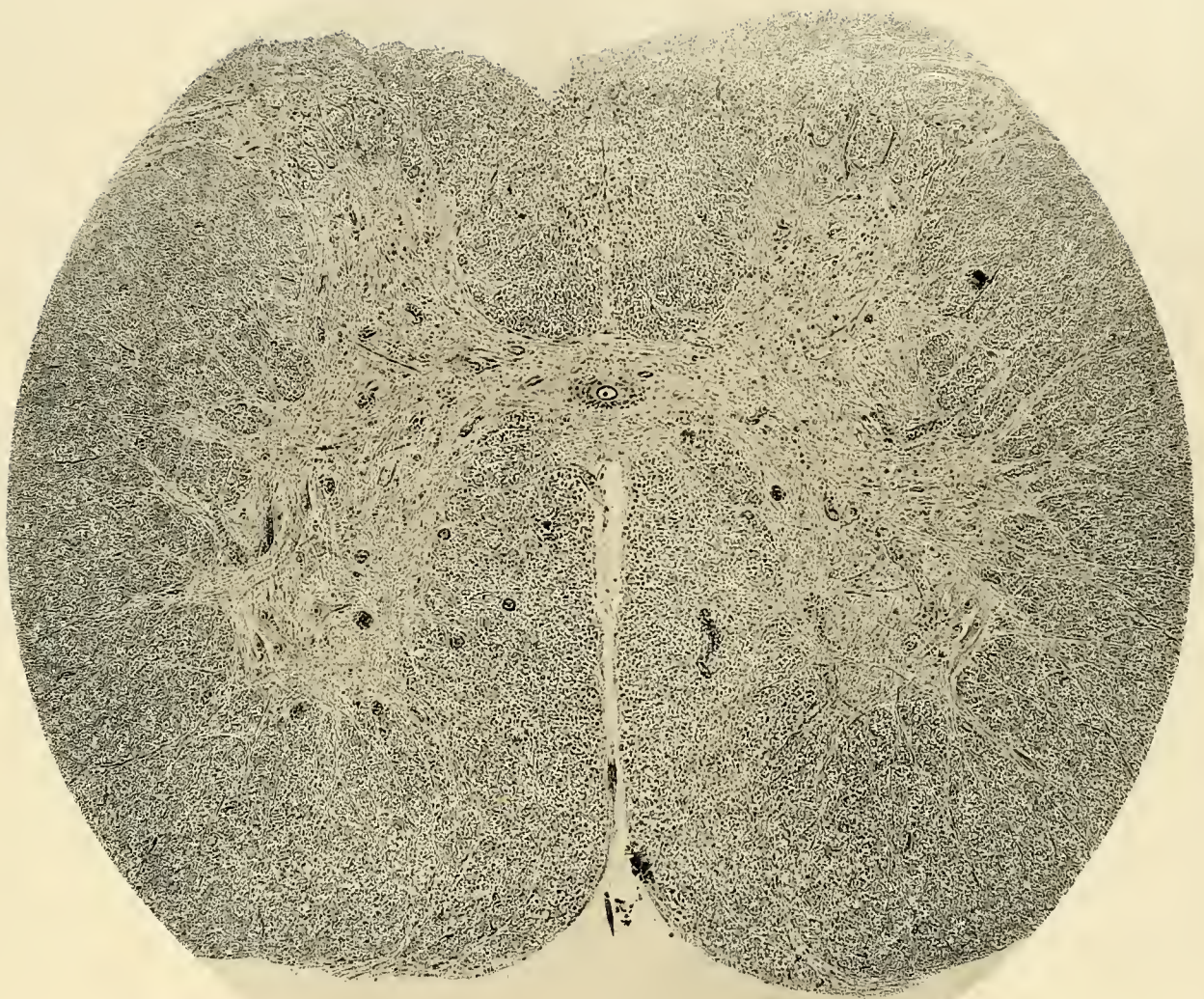
*Phrynosoma Cornutum. Cerebellum, from a vertical longitudinal
section of the Encephalon.*

PHOTO-MICROGRAPH NO. 62 Meller Bros. $\frac{1}{2}$ inch. 1880

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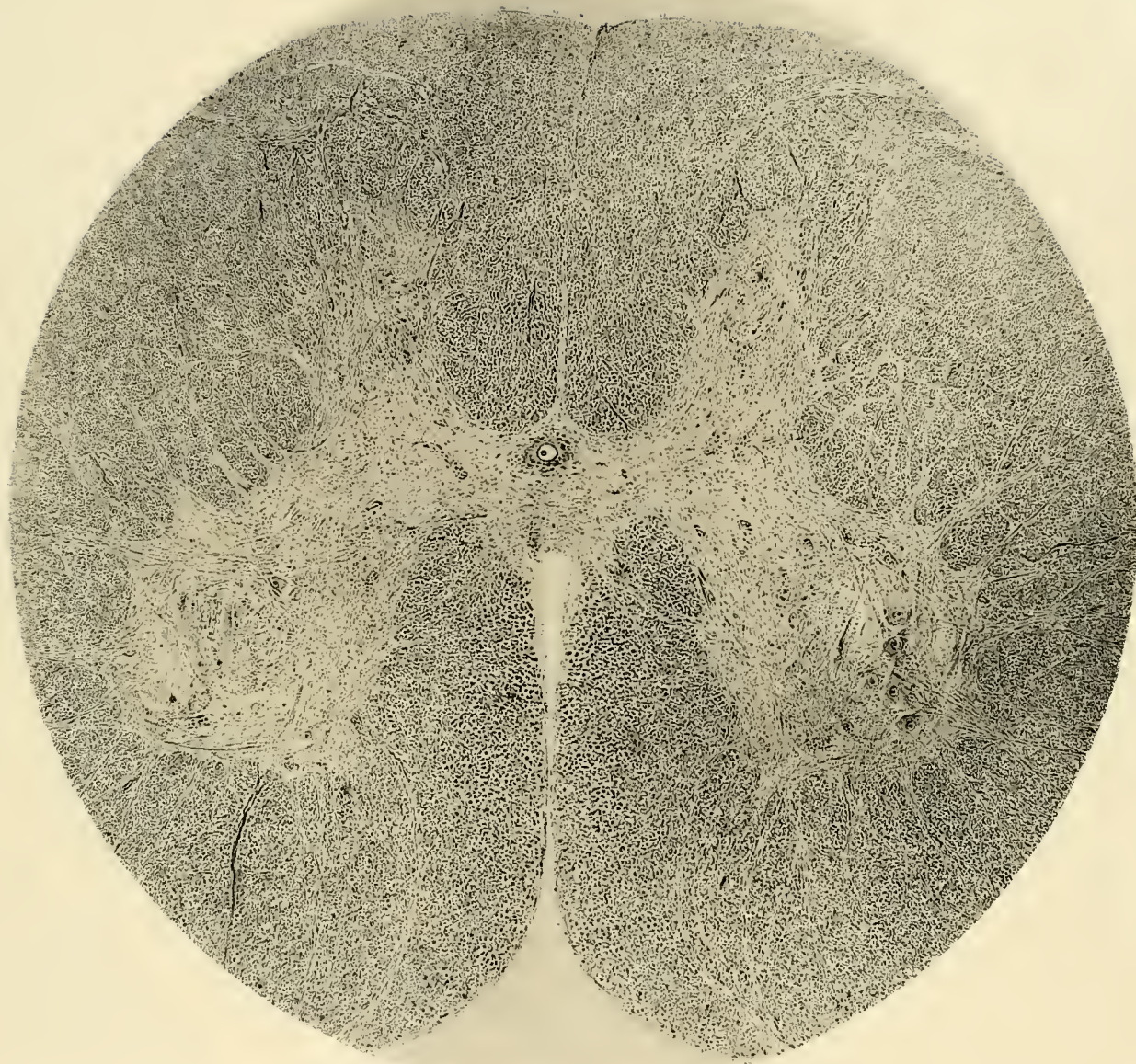
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Testudo Polyphemus # Lumbar Enlargement of the Spinal Cord.
Exactly the same magnifying power and same animal as No 64.

PHOTO-MICROGRAPH NO. 63. Miller Bros. 1 in. 1880

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MICROSCOPIC PREPARATIONS OF THE NERVOUS SYSTEM.

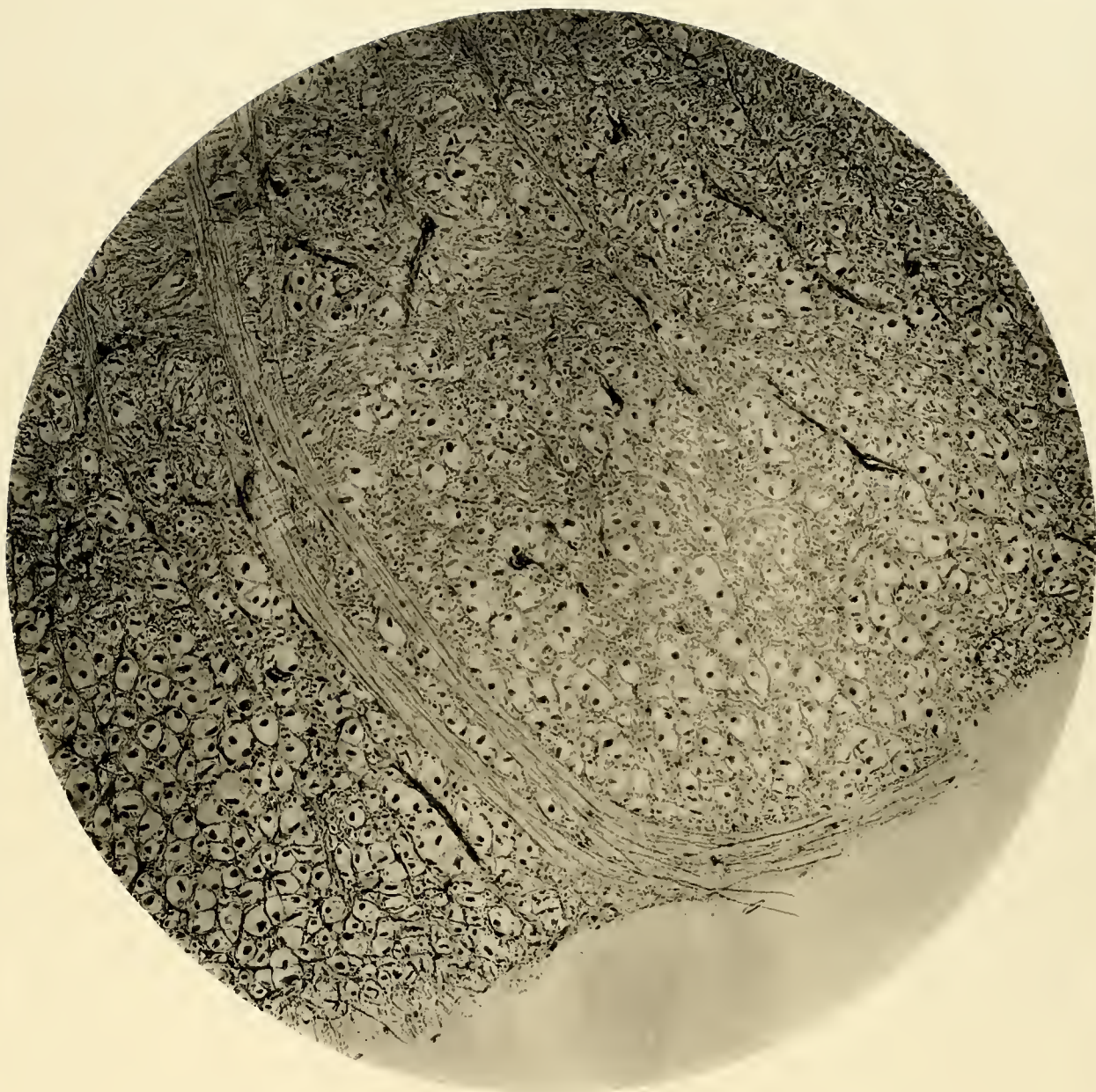
BY JOHN J. MASON, M. D., NEWPORT, R. I.

Testudo Polyphemus.[#] Cervical Enlargement of the Sp. Cord
Exactly the same Magnifying power as no. 63

PHOTO-MICROGRAPH NO. 64 Miller Bros. 1 inch

1880

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MICROSCOPIC PREPARATIONS OF THE NERVOUS SYSTEM.

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*Alligator mississippiensis. Anterior (Superior) Roots, Transverse Section
of Spinal Cord. Grunow 4/10*

PHOTO-MICROGRAPH NO. 65-

1880-

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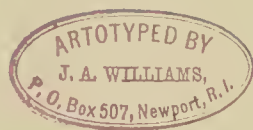
MICROSCOPIC PREPARATIONS OF THE NERVOUS SYSTEM.

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*Rana Pipiens. Vertical Transverse Section through Optic
Tubercles.*

PHOTO-MICROGRAPH NO. 66. *Miller Bros. 2 1/2 in 1880*

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*Testudo Polyphemus - Spinal Cord. Cervical Enlargement.
Superior Roots and Superior Horn Cell.*

PHOTO-MICROGRAPH NO. 67 Miller Bros $\frac{1}{2}$ in

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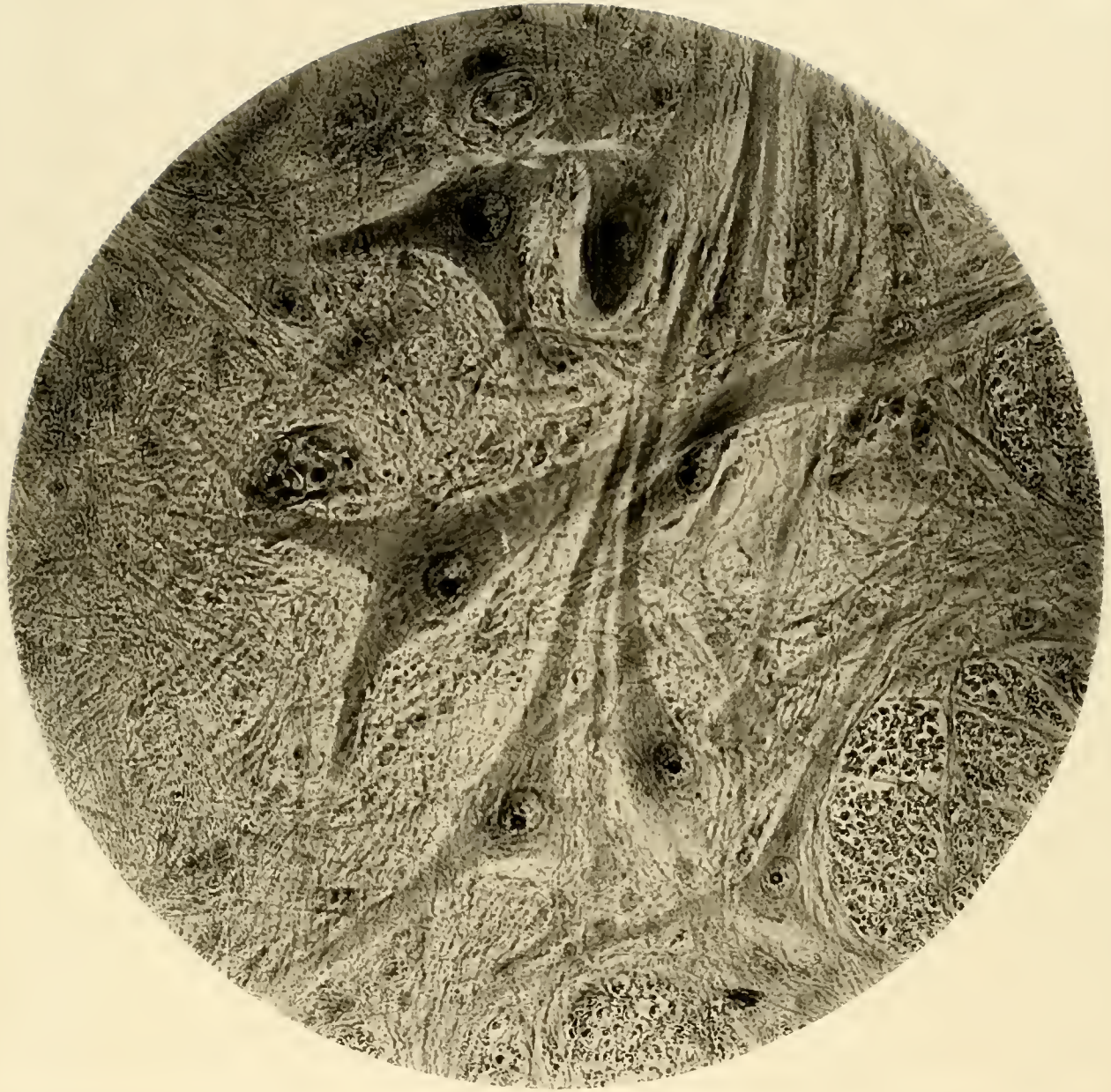
Testudo Polyphemus. Nuclei of the Cervical Enlargement. Spinal Cord
Same animal and amplification as nos. 69-73. inclusive

PHOTO-MICROGRAPH NO. 68.

Grunow $\frac{1}{5}$

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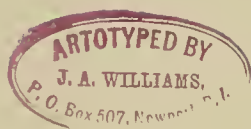
*Lestudo Polyphemus. Nuclei of the Lumbar Enlargement. Spinal Cord.
Same animal and amplification as nos. 68. 70. 71. 72. 73.*

PHOTO-MICROGRAPH NO. 69.

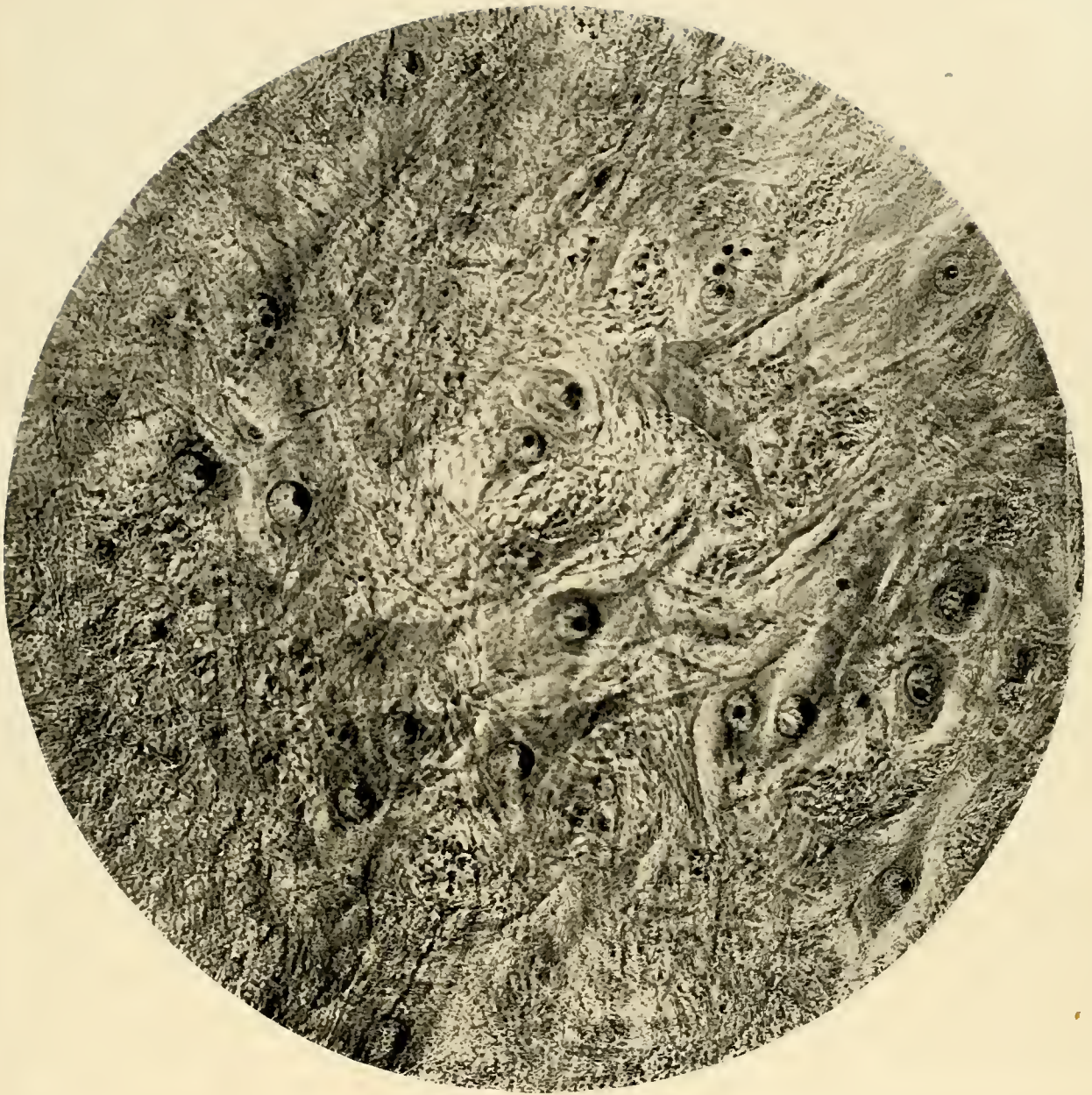
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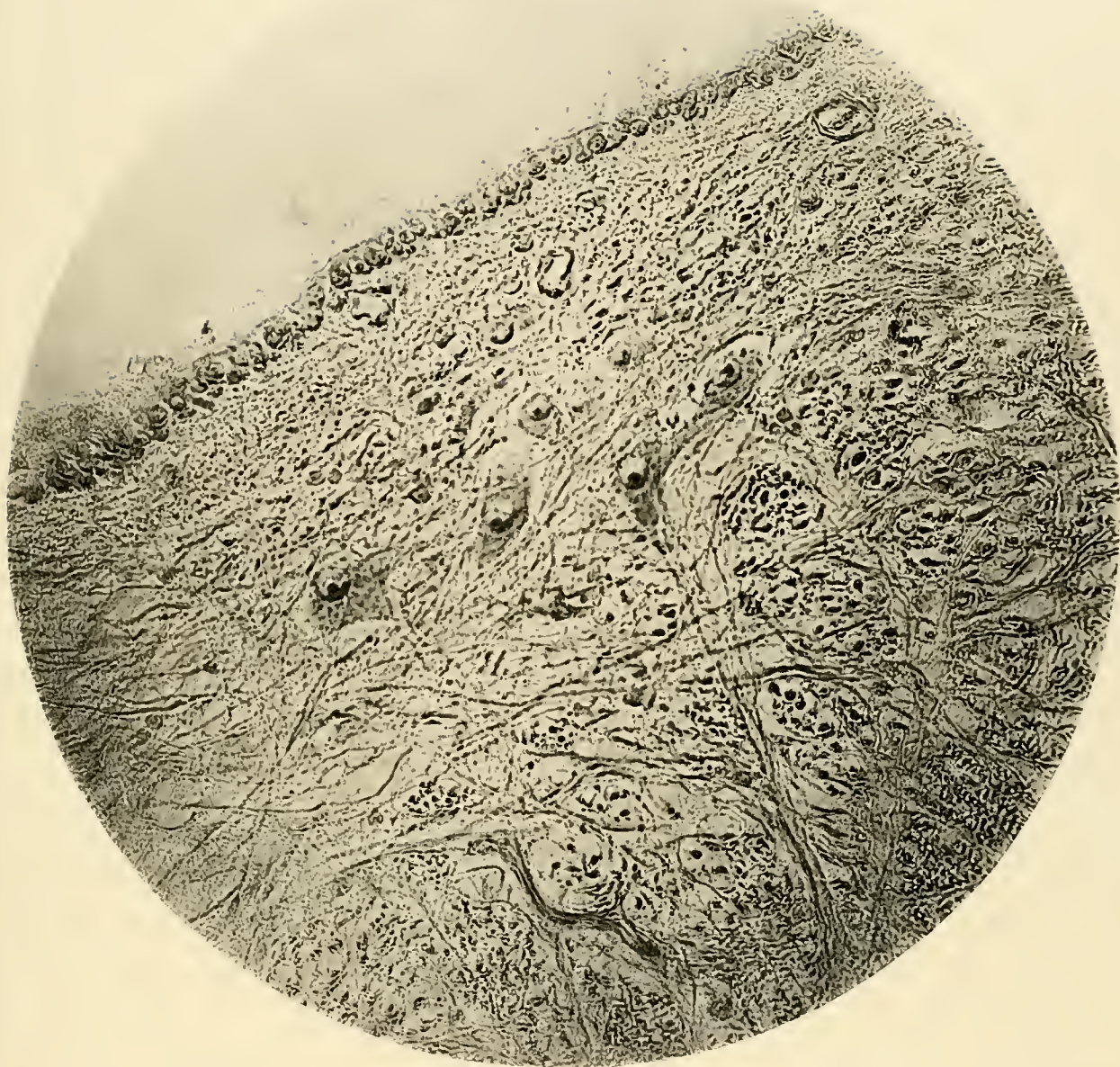
Lestudo Polyphemus. Nuclei of cells connecting with the Motor Root
of the Trigeminal. Same animal and amplification as nos. 68-69-71-72-73.

PHOTO-MICROGRAPH NO. 70

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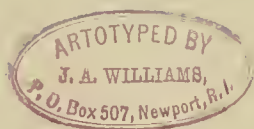
BY JOHN J. MASON, M. D., NEWPORT, R. I.

Lutudo Polyphemus. Nuclei of the Cells of origin of the Abducens, with a fibre connecting with a cell. Same Animal & amplification as nos. 68. 69. 70. 72. 73.

PHOTO-MICROGRAPH NO. 71 *Amnion 1/5.*

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Lestudo Polyphemus. Nuclei apparently connected with the 7th. or 8th pair
of cranial nerves. Same animal and amplification as nos. 68. 69. 70. 71. 73.

PHOTO-MICROGRAPH NO. 72.

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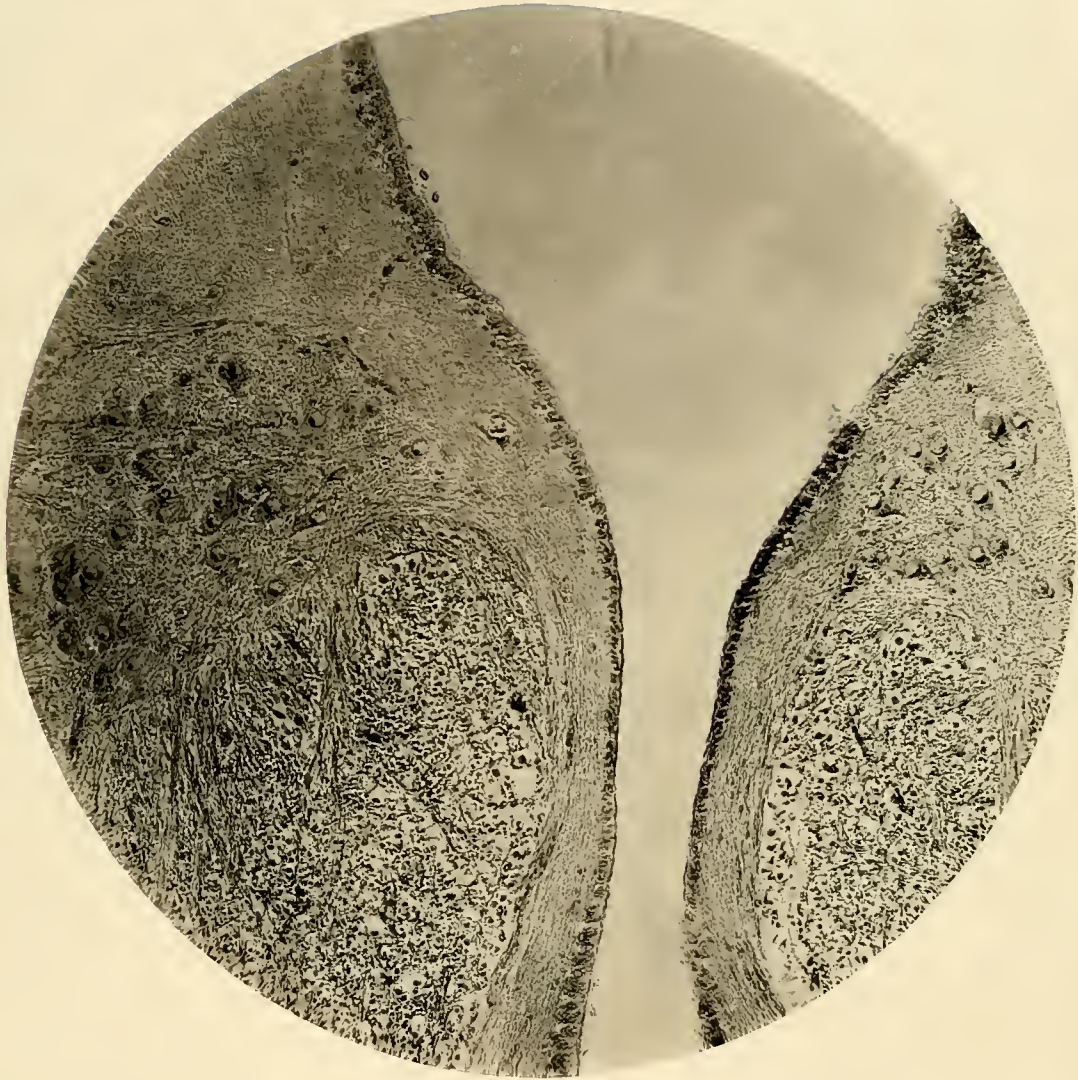
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*Lestudo Polyphemus. Nuclei of the "Nucleus Basilaris" Stieda
Med. Oblongata. Same animal and amplification as nos. 68-72 inclusive*

PHOTO-MICROGRAPH NO. 73. Engraved $\frac{1}{5}$ 1880.

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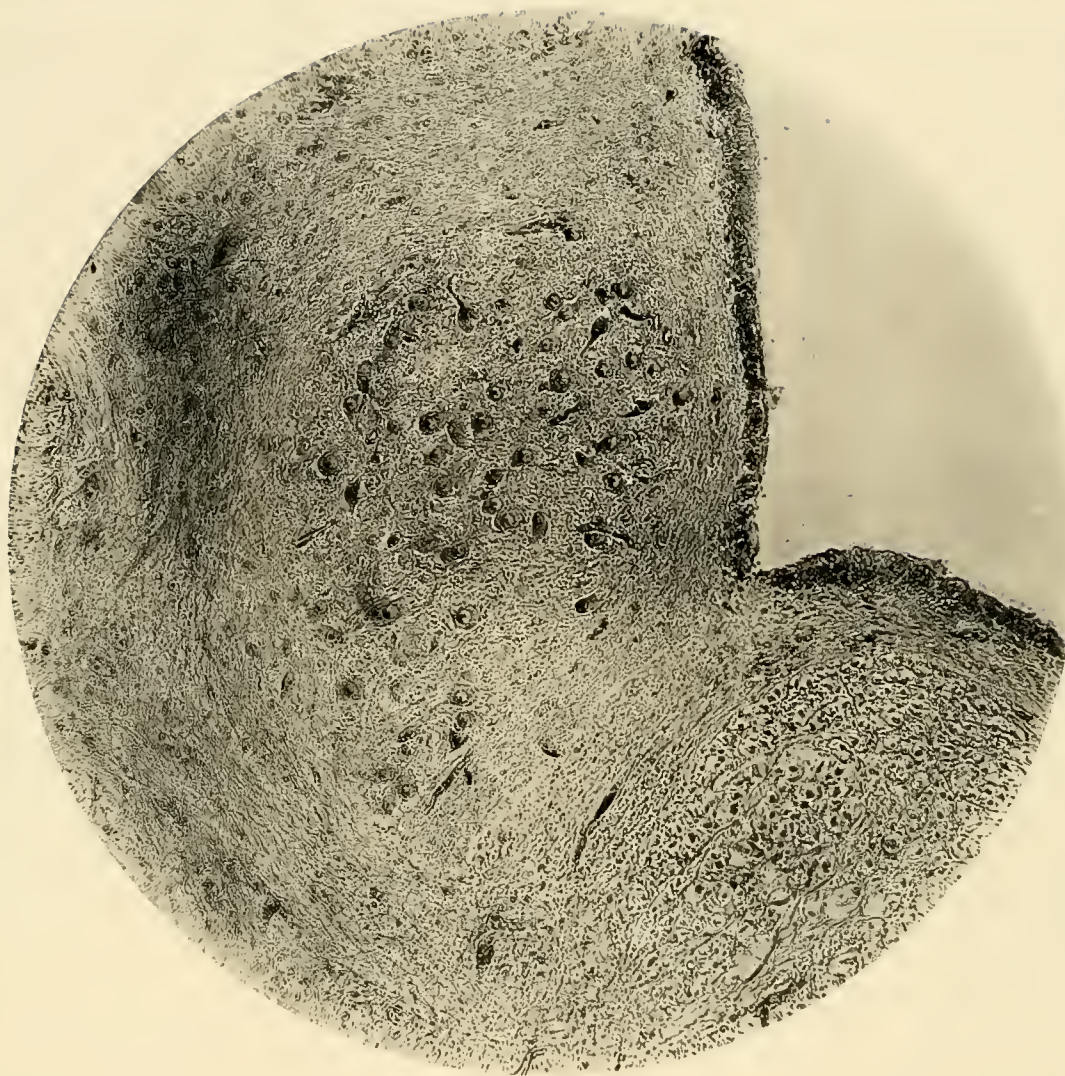
Alligator mississippiensis - Nuclei of the cells of origin of the Third Pair. Same animal and amplification as nos. 39.43.49.50.75.

PHOTO-MICROGRAPH NO. 74.

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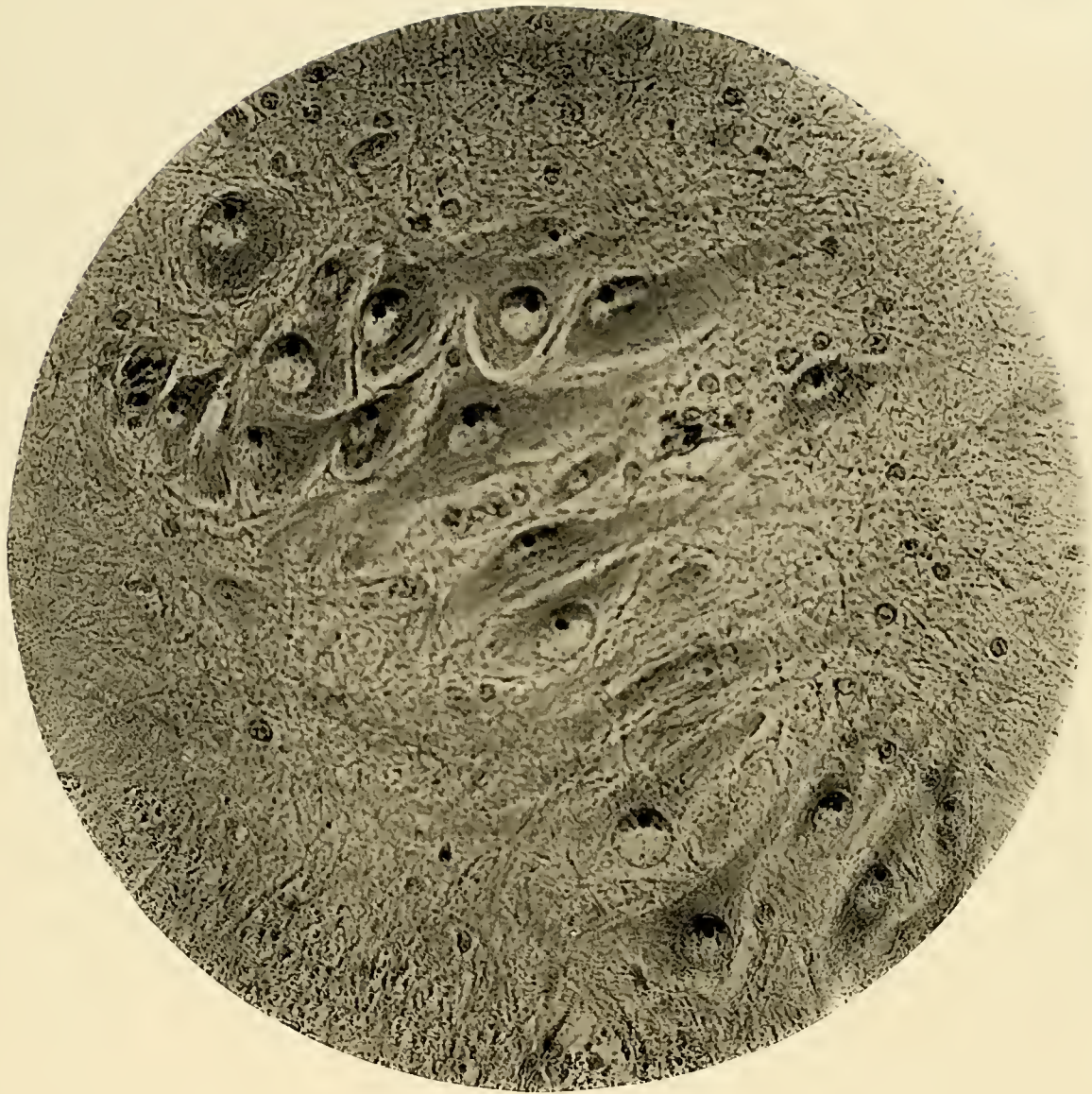
*Alligator Mississippiensis - Upper cells of origin of the Vagus.
Same animal and amplification as nos. 39. 43. 49. 50. 74.*

PHOTO-MICROGRAPH NO. 75

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Rana Pipiens - Spinal Cord. Brachial Enlargement. Nuclei of the
Large Nerve Cells. Same animal and amplification as nos. 80, 104.

PHOTO-MICROGRAPH NO. 79.

Enlarged $\frac{1}{3}$

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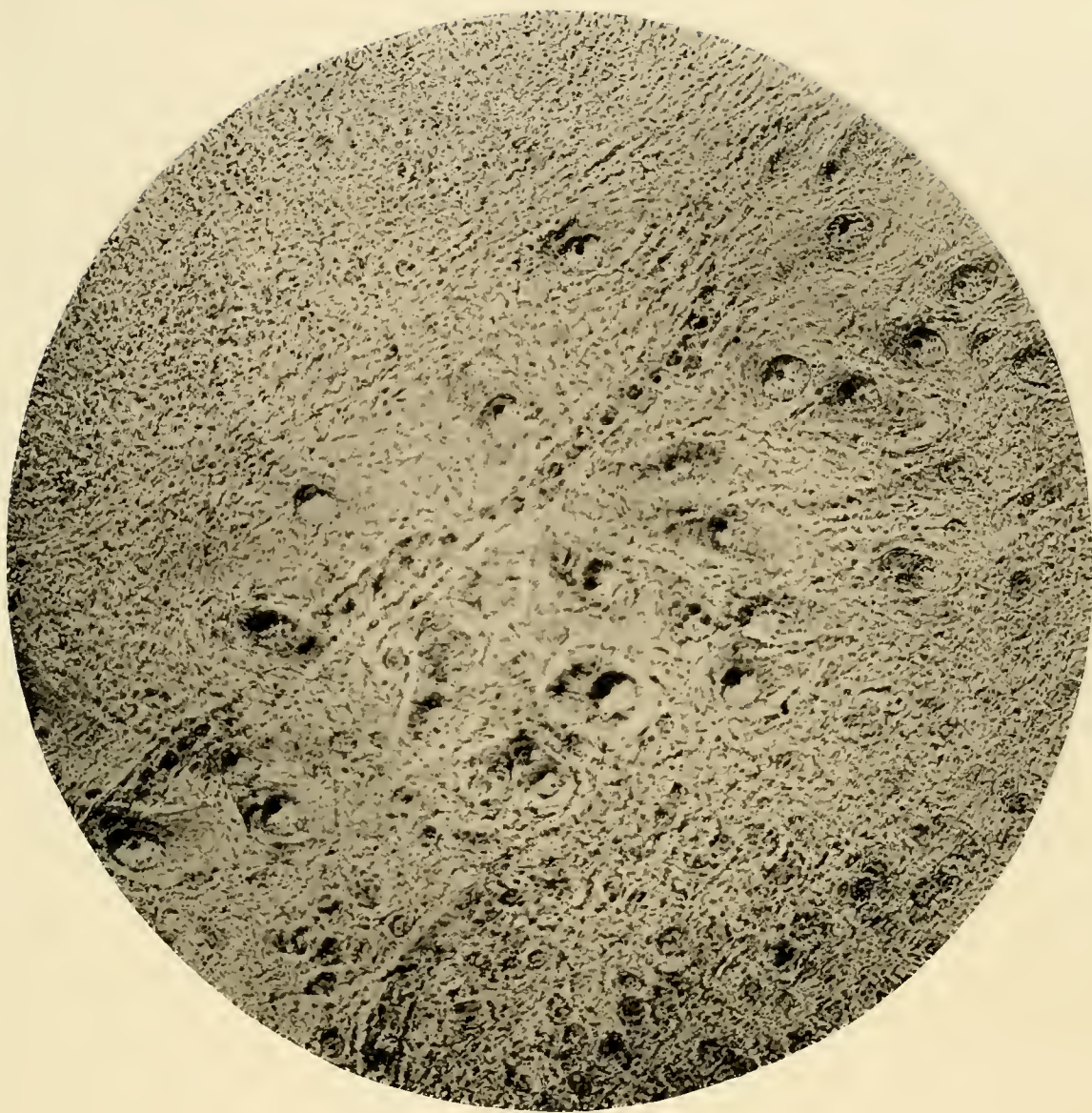
Rana pipiens - Spinal Cord. Cerebral Enlargement. Nuclei of the large
Nerve Cells. Same animal and amplification as nos. 79.104.

PHOTO-MICROGRAPH NO. 80.

Enlarged $\frac{1}{6}$.

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Rana Pipiens - Nuclei of the Cells of origin of the Motor Root of the Lingualis
Same animal and amplification as nos. 79. 80.

PHOTO-MICROGRAPH NO. 104-

Enlarged $\frac{1}{5}$ -

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Rana Pipiens - Roots and Cells of origin of the Third Pair of Cranial Nerves.

PHOTO-MICROGRAPH NO. 106.

Müller Bros. 1/2 in

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Rana Pipiens-Vertical Transverse Section through the Olfactory Lobes.

PHOTO-MICROGRAPH NO. 107

Miller Bros. $1\frac{1}{2}$ in.

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